SUBOU)

What is claimed is:

1. A coordinate input device having a wheel that can be operated through rotation, comprising:

a plurality of rotating bodies disposed along a circumferential edge of said wheel for rotation; and

rotating body rotating state detection means for detecting the rotating state of said rotating bodies.

2. A coordinate input device as set forth in Claim 1, wherein said coordinate input device has a left click switch as a first switch and a right click switch as a second switch, said coordinate input device further comprising:

a third switch disposed as a lower portion of said wheel,

a wheel support portion having a construction for supporting said wheel and allowing said wheel to slide and adapted to drive said third switch by depressing said wheel downwardly; and

third switch operating state detection means for detecting the operating state of said third switch.

3. A coordinate input device as set forth in Claim 2, wherein

said wheel support portion further comprises a ratchet construction on the side of said wheel, and wherein

said wheel is adapted to fit in said ratchet construction.

4. A coordinate input device as set forth in Claim
1, wherein

an inner wall at a center of said respective rotating bodies through which said circumferential edge is put has a locking construction, and wherein

said circumferential edge is adapted to

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fit in said second locking construction.

- 5. A coordinate input device as set forth in Claim 1, wherein said rotating body is of a cylindrical configuration.
- 6. A coordinate input device as set forth in Claim 1, wherein said rotating body is of a spherical configuration.
- 7. A coordinate input device as set forth in Claim 1, wherein a surface of said rotating bodies is covered with a slip preventive material.
- 8. A coordinate input device as set forth in Claim 1, wherein a recess is formed in the surface of said rotating bodies.
- 9. A coordinate input device as set forth in Claim 1, wherein said coordinate input device further comprises:

ball moving state detection means for detecting the moving state of a ball;

click switch operating state detection means for detecting the operating state of a click switch; and

wheel rotating state detection means for detecting the rotating state of said wheel, said coordinate input device further comprising:

a format change-over switch; and
data transmission means for transmitting
respective pieces of information detected by said
respective detection means as a set of operation
instructions for a computer and adapted to effect a
transmission in a first format when said format changeover switch is not depressed and to effect another
transmission in a second format when said format changeover switch is depressed.

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